Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (*Currently Amended*): A method of manufacturing pulp using *Rhodophyta,* comprising:

immersing *Rhodophyta* in an extraction solvent ~~able to dissolve~~ capable of dissolving agar gel for a predetermined time period to dissolve the agar gel in the extraction solvent;

converting the dissolved agar gel into fiber by reacting the dissolved agar gel with a reaction solvent;

curing the fiber using a curing agent; and

pulping the cured fiber.

2 (*Original*): The method according to claim 1, wherein the conversion into fiber is performed by continuously extruding the agar gel solution into the reaction solvent using an extrusion nozzle.

3 (*Original*): The method according to claim 1, wherein the conversion into fiber is performed by intermittently extruding the agar gel solution into the reaction solvent using a spray nozzle.

4 (*Currently Amended - Withdrawn*): A method of manufacturing pulp using *Rhodophyta,* comprising:

immersing *Rhodophryta* in an extraction solvent ~~able to dissolve~~ capable of dissolving agar gel for a predetermined time period to dissolve the agar gel in the extraction solvent; and

pulping after collecting a pulp material remaining after removal of the solution containing the dissolved agar gel.

5 (*Currently Amended - Withdrawn*): A method of manufacturing pulp using *Rhodophyta,* comprising:

immersing *Rhodophyta* in an extraction solvent ~~able to dissolve~~ capable of dissolving agar gel for a predetermined time period to dissolve a portion of agar gel in the extraction solvent;

collecting a pulp material remaining after removal of the solution containing the dissolved portion of agar gel;

curing the pulp material remaining after the removal using a curing agent; and

pulping the cured pulp material remaining after the removal.

6 (*Withdrawn*): The method according to claim 5, wherein the dissolution of the portion of agar gel in the extraction solvent is performed by immersing *Rhodoplryta* in an alcohol-based solvent, followed by boiling.

7 (*Currently Amended*): The method according to~~, claim 1~~ claim 1, wherein the curing agent comprises aldehyde.

8 (*Currently Amended*): The method according to~~, claim 1 herein~~ claim 1, wherein the curing agent comprises Glyoxal.

9 (*Currently Amended*): The method according to~~, claim 1~~ claim 1, wherein the extraction solvent is used at a temperature of 80°C or higher.

10 (*Currently Amended*: The method according to~~, claim 1~~ claim 1, wherein the extraction solvent comprises any one selected from water, alcohols, and ketones.

11 (*Currently Amended*): The method according to~~, claim 1~~ claim 1, wherein the reaction solvent is used at a temperature of 80°C or higher.

12 (*Original*): The method according to claim 11, wherein the reaction solvent comprises alcohols or ketones, provided that the reaction solvent is a different material from the extraction solvent.

13 (*Previously Presented*): The method according to~~, claim 1~~ claim 1, wherein the dissolution is performed

by chipping *Rhodophyta,* followed by immersion in the extraction solvent.

14 (*Currently Amended*): The method according to~~, claim 1~~ claim 1, wherein *Rhodophyta is* selected *from Gelidiurn amansii, Gracilaria vetrucosa, Cottonii, ~~Spinoswn~~ Spinosum,* and combinations thereof

15 (*Previously Presented*): A pulp manufactured using *Rhodophyta* according to claim 1.

16 (*Withdrawn - Currently Amended*): A method of manufacturing paper, comprising:

preparing pulp manufactured using *Rhodophyta* according to [[;]] claim 1 and manufacturing paper using the pulp.

17 (*Withdrawn*): Paper manufactured according to claim 16.

18 (*Withdrawn - Currently Amended*): A method of manufacturing paper, comprising:

preparing pulp manufactured using *Rhodophyta* according to [[;]] claim 1;

preparing wood pulp;

mixing ~~two or more of~~ the above pulps; and

manufacturing paper using the pulp mixture obtained at the mixing step.

19 (*Withdrawn*): Paper manufactured according to claim 18.

20 (*Withdrawn - Currently Amended*): A method of manufacturing paper, comprising:

preparing pulp manufactured using *Rhodophyta* according to claim 4;

preparing wood pulp;

mixing ~~two or more of~~ the above pulps; and

manufacturing paper using the pulp mixture obtained at the mixing step.